



**Environmental
Protection Agency**

Ted Strickland, Governor
Lee Fisher, Lt. Governor
Chris Korleski, Director

Re: Ashland County
Cinnamon Lake
NPDES Permit

July 26, 2010

Mr. Eugene Sheridan
Cinnamon Lake Utilities Association
1443 Laurel Drive
West Salem, Ohio 44287

Dear Mr. Sheridan,

On July 15, 2010, an inspection was made of the wastewater treatment facilities serving the Cinnamon Lake subdivision located at 1443 Laurel Drive, West Salem, Ashland County. At the time of the inspection all major treatment units were in service. Mr. Codi Pitsenbarger, wastewater plant operator, was present to answer questions regarding treatment plant operations.

At the time of the inspection all major treatment units were in service and appeared to be functioning normally. It was noted that a new ultrasonic flow meter had been installed however the flow chart recorder was not operational. The chart recorder shall be repaired and calibrated with the new flow meter. A new V-notch weir has also been installed in the flow meter pit, however Codi mentioned the angle of the notch was closer to 50 degrees and not 45 degrees as it was ordered. This would most likely explain the recent daily flow values well below the average. A new weir with the correct angle should be installed or the meter recalibrated for the actual angle. No major concerns with the treatment plant operations were noted.

Please be aware that your NPDES discharge permit contains a compliance schedule to construct plant upgrades. The first milestone in this schedule is to submit a Permit to Install application no later than May 1, 2011.

A review of the facility's discharge monitoring reports from the months of October 2009 through June 2010 revealed numerous **violations** of the limits contained in your NPDES permit. A summary of these violations is enclosed on a separate sheet.

If you have any questions please call me at 419-373-3070.

Sincerely,

Walter Ariss
Environmental Specialist II
Division of Surface Water

/lb
Enclosure

pc: NWDO-DSW;file

Get New Data:

Cinnamon Lake WWTP NPDES permit limit violations October 2009 through June 2010

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00009*JD	October 2009	001	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	2.46	10/1/2009
2PR00009*JD	October 2009	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	2.575	10/1/2009
2PR00009*JD	October 2009	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.6	1.01069	10/1/2009
2PR00009*JD	October 2009	001	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	2.74	10/9/2009
2PR00009*JD	October 2009	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.9	1.29636	10/9/2009
2PR00009*JD	October 2009	001	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	2.21	10/15/2009
2PR00009*JD	October 2009	001	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	2.89	10/23/2009
2PR00009*JD	October 2009	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.9	1.3017	10/23/2009
2PR00009*JD	December 2009	001	00530	Total Suspended Solids	30D Conc	12	12.2625	12/1/2009
2PR00009*JD	December 2009	001	00530	Total Suspended Solids	1D Conc	18	18.4	12/16/2009
2PR00009*JD	December 2009	001	00530	Total Suspended Solids	1D Conc	18	20.4	12/17/2009
2PR00009*JD	December 2009	001	00530	Total Suspended Solids	1D Conc	18	20.2	12/22/2009
2PR00009*JD	January 2010	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	6.8725	1/1/2010
2PR00009*JD	January 2010	001	00610	Nitrogen, Ammonia (NH3	30D Qty	1.7	1.97302	1/1/2010
2PR00009*JD	January 2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	8.	1/12/2010
2PR00009*JD	January 2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	7.16	1/20/2010
2PR00009*JD	January 2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	8.9	1/27/2010
2PR00009*JD	January 2010	001	00610	Nitrogen, Ammonia (NH3	1D Qty	2.6	2.86335	1/27/2010
2PR00009*JD	February 2010	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	3.485	2/1/2010
2PR00009*JD	February 2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	5.3	2/10/2010
2PR00009*JD	March 2010	001	00530	Total Suspended Solids	30D Conc	12	13.4912	3/1/2010
2PR00009*JD	March 2010	001	00400	pH	1D Conc	9.0	9.48	3/16/2010
2PR00009*JD	March 2010	001	00400	pH	1D Conc	9.0	9.51	3/17/2010
2PR00009*JD	March 2010	001	00530	Total Suspended Solids	1D Conc	18	24.2	3/17/2010
2PR00009*JD	March 2010	001	00530	Total Suspended Solids	1D Conc	18	20.33	3/18/2010
2PR00009*JD	March 2010	001	00400	pH	1D Conc	9.0	9.58	3/19/2010
2PR00009*JD	March 2010	001	00400	pH	1D Conc	9.0	9.37	3/22/2010
2PR00009*JD	March 2010	001	00400	pH	1D Conc	9.0	9.19	3/31/2010
2PR00009*JD	April 2010	001	00400	pH	1D Conc	9.0	9.14	4/3/2010
2PR00009*JD	April 2010	001	00400	pH	1D Conc	9.0	9.07	4/4/2010
2PR00009*JD	April 2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	4.53	4/21/2010
2PR00009*JD	April 2010	001	00400	pH	1D Conc	9.0	9.14	4/30/2010
2PR00009*KD	May 2010	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	1.12263	5/1/2010
2PR00009*KD	May 2010	001	00400	pH	1D Conc	9.0	9.08	5/1/2010
2PR00009*KD	May 2010	001	50060	Chlorine, Total Residu	1D Conc	0.038	.08	5/11/2010
2PR00009*KD	May 2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	1.89	5/13/2010
2PR00009*KD	May 2010	001	50060	Chlorine, Total Residu	1D Conc	0.038	.2	5/14/2010
2PR00009*KD	May 2010	001	50060	Chlorine, Total Residu	1D Conc	0.038	.23	5/15/2010
2PR00009*KD	May 2010	001	50060	Chlorine, Total Residu	1D Conc	0.038	.27	5/16/2010
2PR00009*KD	May 2010	001	50060	Chlorine, Total Residu	1D Conc	0.038	.08	5/17/2010
2PR00009*KD	May 2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	1.6	5/19/2010
2PR00009*KD	May 2010	001	50060	Chlorine, Total Residu	1D Conc	0.038	.14	5/24/2010
2PR00009*KD	June 2010	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	1.28875	6/1/2010
2PR00009*KD	June 2010	001	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	1.58	6/9/2010